Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 05 Jan 2023 until 23:59 on Friday 06 Jan 2023

Forecast Issued on Wednesday 04 Jan 2023 at 09:44

Confidence: High for the general theme of low pressure systems and fronts moving east or northeast across the British Isles, but Medium to Low for details, especially in relation to timings and rainfall amounts.

Headline for Thursday 05 Jan 2023: Some early sunshine, then bright spells, but mostly cloudy with patchy rain or drizzle and strengthening southwest winds.

Mountain weather hazards on Thursday 05 Jan 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
No Likelihood

Heavy persistent rain
Low Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
	FOG						
Cloudy	Fog	Cloudy	Cloudy	Cloudy	Cloudy	Dull	Heavy Rain
Precipitation probability							
00%	10%	20%	10%	30%	30%	10%	70%

Forecast for Thursday 05 Jan 2023

Weather: Clear spells overnight, but patchy low cloud, mist and fog developing. A mostly dry and bright start with some early sunshine and any mist and fog should lift quite quickly, but cloud will thicken in the morning to bring patchy rain or drizzle. Still some bright spells likely through the afternoon, especially in the east, but more persistent, heavier rain will spread from the west through the evening.

Chance of cloud-free hill tops above 600m: 70% becoming 20 or 30%.

Low cloud and visibility: Mainly good visibility at lower elevation away from early mist and fog, but moderate at times in rain and drizzle. Quite lengthy spells of very poor within cloud at height, mostly broken 600-900m at first, but periods overcast above 500-700m by the end of the morning and becoming extensive above 400m in evening

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Thursday 05 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	34/46 W	27/36 W	19/25 W	17/23 SW	20/28 SW	26/35 SW	29/41 SW	32/45 SW	26/38 SW
300	23/35 W	18/27 W	13/21 SW	10/18 SW	14/21 S	17/26 SW	20/32 SW	23/36 SW	17/28 SW
Valley	16/33 W	13/27 W	9/19 W	6/17 SW	8/20 S	11/25 SW	13/30 SW	15/34 SW	12/27 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-2	5/-1	4/-1	4/-1	6/1	7/2	6/1	6/0	4/-2
300	8/3	7/3	6/3	7/4	8/5	9/6	9/5	9/4	7/3
Valley	8/4	8/4	7/4	7/5	8/6	10/7	9/6	9/6	7/4
Freezing Level*	1300m	1300m	1300m	1300m	1800m	1600m	1700m	1800m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild but becoming rather windy at height with some chill over the tops, especially in evening with heavier rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 04 Jan 2023	12.4mm	14.6mm	20.4mm

Forecast for Friday 06 Jan 2023

Weather: Rain clearing overnight with skies clearing, leading to some patchy mist or fog. Then mainly dry and bright with sunny spells as mist and fog clears, but perhaps the odd shower in the afternoon. Becoming cloudy through the evening with outbreaks of rain later,

Maximum wind: Southwest 10mph, increasing 15mph in morning, then 20 gusts 30mph in afternoon, but becoming southerly 25-30 gusts 40mph over the tops in the evening.

Chance of cloud-free hill tops above 600m: 70-90%, reducing to 10% or less in evening.

Low cloud and visibility: Mainly good visibility, but poor n heavy rain late evening. Occasionally very poor at height in cloud, widely so in evening, generally scattered to broken cloud above 600-900m, but extensive 400-500m in evening.

Temperature: **Valleys:** Plus 5 or 6 C rising to plus 11 C
At 600m: Plus 4 or 5 C
Freezing level: Above the tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.